Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start		Rating **	Α	Issue No.		41	
LM End		Issue Type +	Ма	Location *	ocation * WS		
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory				Start		End	
Item	Item Operations & Maintenance Manuals				0		0
item					0		0
DWR ID	DWR ID DWR_NA0011_01_s _ 2012_41						
Comment Code							
		1	0	1			
Inspector Comment							
Madera Co	ounty has a	a copy of the (O&M Ma	nual on har	nd.		

No Photos

		Dating **	۸	Janua Na		40	_
LM Start		Rating **	Α	Issue No.		43	
LM End		Issue Type +	Ma	Location *		WS	
Category	Earthen L	GPS La	atitud	e/Longitude			
Category				Start		End	
Item		cy Supplies &			0		0
Equipment				0		0	
DWR ID	DWR_NA0	011_01_s _ 201	2_43				
		Comn	nent Coo	de			
		Inspecto	or Comm	nent			
Madera Co	ounty has	emergency su	pplies.				

No Photos

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start		Rating **	Α	Issue No.		44	
LM End		Issue Type +	Ма	Location *	_ocation * WS		
Category	Earthen Levee			GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Flood Pre	Flood Preparedness & Training			0		0
пеш					٥		0
DWR ID	DWR_NA0						
	Comment Code						
Inspector Comment							
Madera Co	ounty Floor	d Control has	an ongo	ing training	prog	gram.	

No Photos

Issue No. LM Start 0.03 Rating ** 13 Location * Issue Type + WS 0.28 Ma LM End Earthen Levee GPS Latitude/Longitude Category End Vegetation 37.046572° 37.047760° Item -120.427470° -120.423238° DWR ID DWR NA0011 01 f 2016 13

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Control the wild annual grasses and weeds on the waterside slope, looking upstream from levee miles 0.03- 0.28.

Photo 1 of 1 : FA_2016_NA0011_142_13_20161011_00027.jpg



Unit 1 looking upstream from levee miles 0.03-0.28.wateside slope.

LM Start	0.03	Rating **	Α	Issue No.		5		
LM End	0.61	Issue Type +	Ma	Location *		LS		
Category	Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Vegetatio	Vegetation			72°	37.051077	0	
item				-120.4274	70°	-120.419003	0	
DWR ID	DWR_NA0	011_01_f _ 201	6_5					
		0		1 =				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.04	Rating **	U	Issue No.		20	
LM End	0.05	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Slope Stability				37.0466	24°	37.046682°	
пеш				-120.4273	317°	-120.427108°	
DWR ID	DWR_NA0	DWR_NA0011_01_s _ 2014_20					
Comment Code							
S1 : Repai	r slope ins	tability.					
Inspector Comment							
This is not a new erosion site, it should be repaired before the condition get any worse.							



There is damage to the landside slope near the concrete wing wall.

Item	LM Start	0.04	Rating **	М	Issue No.		36	
Start End 37.046589 ° 37.0465 37.046589 ° 37.0465 DWR ID DWR_NA0011_01_s _ 2012_36 Comment Code TR : Tree or limb Inspector Comment	LM End	0.04	Issue Type +	Ma	Location *	WS		
Start End 37.046589 ° 37.0465 Item	Catagory	Earthen L	evee		GPS La	atitud	e/Longitude	
TR : Tree or limb Tree or limb	Category				Start		End	
-120.427298 ° -120.4272 DWR ID DWR_NA0011_01_s _ 2012_36 Comment Code TR : Tree or limb	Itom	Encroachments			37.0465	89°	37.046589°	
Comment Code TR : Tree or limb Inspector Comment	Itom				-120.4272	98°	-120.427298°	
TR : Tree or limb Inspector Comment	DWR ID DWR_NA0011_01_s _ 2012_36							
Inspector Comment	Comment Code							
	TR : Tree	or limb						
Remove the tree limbs from the waterside slope.	Inspector Comment							
	Remove the tree limbs from the waterside slope.							

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.05	Rating **	A/W	Issue No.		12	
LM End	0.05	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroachments			37.0466	77°	37.046677 °	
				-120.427077 °		-120.427077	0
DWR ID	DWR_NA0	DWR_NA0011_01_s _ 2016_12					
		Comn	nent Cod	de			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			
The pruning	ig noted in	the past has	been mo	ved.			

No Photos

LM Start 0.11 Rating ** Issue No. 17 Issue Type + Location * 2.36 Ma LS LM End Earthen Levee GPS Latitude/Longitude Category **Animal Control** 37.046890° 37.068730° Item -120.398670° -120.426137 °

DWR ID DWR NA0011 01 f 2016 17

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There were several rodent holes observed in Unit 1 although no rodents were seen during the inspection.

No Photos

LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.28	Rating **	U	Issue No.		23		
LM End	1.35	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Vegetation			37.0477	'60°	37.058330°			
item				-120.423238 °		-120.410505°		
DWR ID DWR_NA0011_01_f _ 2016_23								
		Comn	nent Cod	de				
V2 : Remo	ove the wild	growth other	than na	tive grasse	s fro	m the levee		
		Inspecto	or Comm	nent				
Remove the dead tall weeds from the water side slope working upstream.								



Unit 1 Waterside looking upstream from levee mile 0.28 to levee mile 1.35.

LM Start	0.28	Rating **	М	Issue No.		6		
LM End	0.30	Issue Type +	Ma	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Encroachments			37.0478	12°	37.047963 °			
Rem				-120.4231	55 °	-120.422898 °		
DWR ID	DWR_NA0	011_01_s _ 201	2_6					
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Noted on t	he last two	inspections.						

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway		Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.33	Rating **	М	Issue No.		8			
LM End	0.35	Issue Type +	Ma	Location *		WS			
Cotogony	Earthen L	evee		GPS La	atitud	e/Longitude			
Category				Start		End			
Encroachments			37.0482	23 °	37.048467°				
пеш				-120.422642 °		-120.422315°			
DWR ID	DWR_NA0011_01_s _ 2012_8								
		Comn	nent Cod	de					
TR : Tree	or limb								
		Inspect	or Comm	nent					
Noted on t	he last two	inspections.							

No Photos

LM Start	0.44	Rating **	М	Issue No.		11
LM End	0.44	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS Latitude/Longitude		
				Start		End
Item	Encroach	ments		37.0494	55°	37.049455°
				-120 /212	18 °	-120 /21218 °

DWR ID DWR_NA0011_01_s _ 2012_11

Comment Code TR : Tree or limb

Inspector Comment

Remove the dead tree from the slope.

NI	~ E	ha	tos

LM Start	0.45	Rating **	М	Issue No.	39				
LM End	0.56	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS La	titud	le/Longitude			
Calegory				Start		End			
Item	Encroach	ments		37.0494	84°	37.050574°			
item				-120.4210	17°	-120.419601 °			
DWR ID	NR ID DWR_NA0011_01_s _ 2012_39								
Comment Code									

Comment Code

TR: Tree or limb

Inspector Comment

Remove the dead trees from the levee section.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.		10		
LM End	0.53	Issue Type +	Ма	Location * WS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachi	ments		37.0503	35°	37.050335 °		
item				-120.419965 °		-120.419965 °		
DWR ID DWR_NA0011_01_s _ 2012_10								
		Comn	nent Co	de				
TR : Tree	or limb							
			-					
		Inspecto	or Comn	nent				
Remove th	ne tree limb	os from the wa	ater side	slope.				

No Photos

LM Start	0.58	Rating **	С	Issue No.		19			
LM End	0.60	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
ltem Encroachments			37.0508	25°	37.051057	0			
item				-120.419305°		-120.419030	٥		
DWR ID	DWR_NA0	011_01_s _ 201	6_19						
		Comn	nent Cod	de					
PR : Pruni	ngs								
	Inspector Comment								
Remove th	ne tree prui	nnings from th	ne levee	section.					

No Photos

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.59	Rating **	М	Issue No.		21		
LM End	2.35	Issue Type +	Ma	Location *		CR		
Category Earthen Levee			GPS L	atitud	e/Longitude			
Category				Start		End		
Item	Vegetatio	n		37.0509	68°	37.068513 °		
пеш				-120.419167°		-120.398665 °		
DWR ID	DWR_NA0	011_01_s _ 201	6_21					
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
	Inspector Comment							
Keep the c	Keep the crown free of vegetation.							

No Photos

LM Start	0.61	Rating **	U	Issue No.		24
LM End	0.77	Issue Type +	Ма	Location *		LS
Category	Earthen L	GPS La	atitud	e/Longitude		
Calegory	egory					End
Item	Vegetatio	n		37.0510	77°	37.053122
item			-120.4190	03 °	-120.417500	
DWR ID	DWR_NA0	011_01_f _ 201	6_24			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the tall weeds from the landside slope

Photo 1 of 1 : FA_2016_NA0011_142_24_20161010_00025.jpg



Unit 1 landside levee mile 0.61-0.77 looking upstream of slope.

LM Start	0.62	Rating **	М	Issue No.	Issue No.				
LM End	0.62	Issue Type +	Ма	Location *		WS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Category	эт у					Start		End	
Item	Encroach	ments		37.0512	22 °	37.051222	•		
пеш				-120.4188	10°	-120.418810	0		
DWR ID	DWR ID DWR_NA0011_01_f _ 2015_37								
		Comn	nent Coo	de					

TR : Tree or limb

Inspector Comment

Remove the tree branches from the waterside slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.86	Rating **	М	Issue No.		26			
LM End	0.87	Issue Type +	Ма	Location * LS					
Category	evee	GPS La	atitud	le/Longitude					
Calegory				Start		End			
Item	Trim / Thi	n Trees		37.0543	33°	37.054460 °			
пеш				-120.4170	57°	-120.417043°			
DWR ID DWR_NA0011_01_f _ 2016_26									
		Comn	nent Cod	de					
T2 : Thin t	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.			
		Inspecto	or Comm	nent					
Thin the tr	ees to allo	w visibility of t	he levee	slope.					

No Photos

LM Start	1.41	Rating **	Α	Issue No.		27		
LM End	2.09	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory	Category					End		
Item	Vegetatio		37.0588	17°	37.065538°			
item				-120.4096	30°	-120.400862 °		
DWR ID	DWR_NA0	011_01_f _ 201	6_27					
Comment Code								
V1 : Contro	/1 : Control annual grass and weeds on the levee slopes and							

easements.

Inspector Comment

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/06/2016 10/06/2016	Herman Phillips

LM Start	1.45	Rating **	М	Issue No.		7				
LM End	2.34	Issue Type +	Ma	Location *	WS					
Earthen Levee				GPS La	atitud	e/Longitude				
Category				Start		End				
Item	Slope Sta	bility		37.0591	13°	37.068344°				
пеш				-120.4088	80°	-120.398780°				
DWR ID	DWR_NA0	011_01_s _ 201	3_7							
		Comn	nent Cod	de						
S1 : Repai	ir slope ins	tability.								
		Inspecto	or Comm	nent						
Farmer has plowed into the toe of the levee.										

No Photos

LM Start	2.09	Rating **	U	Issue No.		29			
LM End	2.22	Issue Type +	Ma	Location *		WS			
Catagory	Earthen Levee							titud	le/Longitude
Category		Start		End					
Item	Vegetatio	n		37.0655	38°	37.066700°			
item		=		-120.4008	62 °	-120.398900°			
DWR ID	DWR_NA0	011_01_f _ 201	6_29						
		0		I.					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the tall dead weeds from the levee slope waterside.

Photo 1 of 1 : FA_2016_NA0011_142_29_20161010_00026.jpg



Unit 1 Ash Slough looking upstream levee mile 2.09-2.22.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		17
LM End	0.05	Issue Type +	Ма	Location *	LS	
Category Earthen Levee				GPS Latitude/Longitude		
Calegory						End
Item	Vegetatio	n		37.0454	75°	37.045685°
item				-120.4274	27°	-120.426555 °
DWR ID DWR_NA0011_02_f _ 2016_17						
		_				

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the tall weeds from the landside slope and toe.

Photo 1 of 1: FA_2016_NA0011_143_17_20161005_00029.jpg



Looking upstream from levee mile 0.00-0.05.

LM Start	0.00	Rating **	U	Issue No.		15	
LM End	0.15	Issue Type +	Ma	Location *		WS	
Catagory Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Vegetatio	n		37.0454	75°	37.046133°	
item				-120.4274	27°	-120.424798°	
DWR ID	DWR_NA0	011_02_f _ 201	6_15				

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the tall dead weeds present on the waterside levee slope.

Photo 1 of 1: FA 2016 NA0011 143 15 20161011 00032.jpg



Unit 2 waterside levee slope looking upstream from levee mile 0.00-0.15.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		14	
LM End	0.22	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Item	Vegetatio	n		37.0454	75°	37.046568°	
item				-120.4274	27°	-120.423590°	
DWR ID DWR_NA0011_02_f _ 2016_14							
	Comment Code						

V9: Keep the crown roadway free of vegetation.

Inspector Comment

The crown roadway is to be clear of all vegetation.



Unit 2 looking upstream at crown roadway.

LM Start	0.00	Rating **	U	Issue No.		39	
LM End	1.67	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	ategory			Start		End	
Item	Animal Co	ontrol		37.0454	85°	37.060091	
item				-120.4274	23 °	-120.405340	
DWR ID	DWR_NA0	011_02_f _ 201	5_39				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The levee section waterside is covered with rodents and rodent holes. There is no bait stations on this levee section and the weeds here are too tall to see the active rodents. No new photo was taken.

Photo 1 of 1: FA_2016_NA0011_143_39_20161004_00007.jpg



Ash Slough looking upstream from levee mile 0.00-1.67 waterside slope.

LM Start	0.16	Rating **	M	Issue No.		8	
LM End	0.22	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Trim / Thi	n Trees		37.0461	93°	37.046555	0
пеш				-120.4246	22 °	-120.423602	0
DWR ID	DWR_NA0	011_02_f _ 201	6_8			•	

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim the trees on the landside levee slope levee miles 0.16- 0.22.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.21	Rating **	М	Issue No.		46
LM End	0.21	Issue Type +	Ма	Location *		CR
Category	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End
Item	Trim / Thin Trees				33°	37.046533°
пеш			-120.423762 °			
DWR ID	DWR_NA0	011_02_f _ 201	5_46			
		Comn	nent Cod	de		
T1: Trim t	rees to at l	east five feet	above g	round level		
		Inspecto	or Comm	nent		

No Photos

LM Start	0.22	Rating **	U	Issue No.		18		
LM End	1.38	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Vegetation				37.046568°		0	
пеш				-120.4235	88°	-120.409760	0	
DWR ID DWR_NA0011_02_f _ 2016_18								
Comment Code								

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the unwanted wild dead weed growth from the waterside levee slope.

Photo 1 of 1 : FA_2016_NA0011_143_18_20161011_00033.jpg



Unit 2 Ash Slough looking upstream waterside slope and shoulder levee miles 0.22-1.38.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.27	Rating **	М	Issue No.		21
LM End	0.30	Issue Type +	Ма	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start	End	
Item	Trim / Thin Trees				37°	37.047192°
itein				-120.4228	15 °	-120.422517 °
DWR ID DWR_NA0011_02_s _ 2012_21						
Comment Code						
T1 · Trim t	rees to at l	east five feet	ahove d	round level		

Inspector Comment

No Photos

LM Start	0.32	Rating **	U	Issue No.	26			
LM End	0.49	Issue Type +	Ма	Location *		CR		
Category	Earthen L		GPS Latitude/Longitude					
Calegory				Start		End		
Item	Vegetation			37.0473	38°	37.049035°		
item			-120.4220	62 °	-120.419928°			
DWR ID DWR_NA0011_02_f _ 2016_26								
	0							

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

Levee crown roadway should be free of vegetation. Spray to sterlize weed growth.

Photo 1 of 1: FA 2016 NA0011 143 26 20161005 00028.jpg



Looking upstream Crown roadway levee mile 0.2-0.49.

LM Start	0.32	Rating **	U	Issue No.		24
LM End	0.96	Issue Type +	Ма	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Category				Start		End
Item	Vegetatio	n		37.0473	38°	37.054705°
пеш	nem		-120.4220	62°	-120.415738°	
DWR ID	DWR_NA0011_02_f _ 2016_24					

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Control the wild weeds on the landside levee slope and shoulder.



Unit 2 looking upstream from levee mile 0.32 to levee mile 0.96 landside.

* Location + Issue Type Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.32	Rating **	М	Issue No.		28		
LM End	0.32	Issue Type +	Ma	Location *		WS		
Catagory	Earthen L	evee		GPS Latitude/Longitude				
Category				Start		End		
Item	Encroach	ments		37.0474	16°	37.047416°		
item				-120.4221	42°	-120.422142°		
DWR ID	DWR ID DWR_NA0011_02_f _ 2012_28							
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
Remove th	Remove the dead tree limbs from the waterside slope.							

No Photos

LM Start	0.52	Rating **	М	Issue No.	35			
LM End	0.52	Issue Type +	Ma	Location *	WS			
Category	Earthen Levee				PS Latitude/Longitude			
Calegory				Start		End		
Item	Trim / Thin Trees			37.049289°		37.049289°		
пеш				-120.419542 °		2° -120.419542°		
DWR ID	DWR_NA0	011_02_s _ 201	3_35					
Comment Code								
T2 : Thin trees to allow visibility of the ground and room to flood fight.								

Inspector Comment

Trim tree off the slope.

No Photos

FINAL DATA

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	0.97	Rating **	М	Issue No.		44	
LM End	1.38	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee	vee			e/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		37.0548	30°	37.057948°	
пеш					° 00	-120.409763°	
DWR ID	DWR ID DWR_NA0011_02_f _ 2014_44						
		Comn	nent Coc	le			
V9 : Keep	the crown	roadway free	of veget	ation.			
		Inspecto	or Comm	ent			
Keep crow	Keep crown roadway free of vegetation.						
-							

No Photos

LM Start	1.10	Rating **	U	Issue No.		1	
LM End	1.19	Issue Type +	Ma	Location *		WS	
Catagory	Suppleme	ental		GPS Latitude/Longitude			
Category						End	
Item	DWR Ero	sion Survey		37.0555	96°	37.055596	0
пеш				-120.4126	47°	-120.412647	0
DWR ID							

Comment Code

Inspector Comment

07/22/2016: No significant change observed. 09/08/2015: No significant change observed. 07/22/2014: No significant change observed.

08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2016 Site ID:NA0011U02RM2.57]

Photo 1 of 3: SJR2016_NA0011U02RM2.57_1.jpg



View of the erosion site from the levee crest.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	1.10	Rating **	U	Issue No.		1 (cont)		
LM End	1.19	Issue Type +	Ma	Location *		WS		
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR Ero	sion Survey		37.0555	96°	37.055596°		
пеш				-120.4126	47°	-120.412647°		
DWR ID								

Comment Code

Inspector Comment

07/22/2016: No significant change observed. 09/08/2015: No significant change observed. 07/22/2014: No significant change observed. 08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

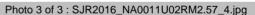
2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2016 Site ID:NA0011U02RM2.57]

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	WS



Close view of the site.





Close view of the site.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	1.23	Rating **	U	Issue No.	29	
LM End	1.23	Issue Type +	Ma	Location *	WS	
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thin Trees			37.056137°		37.056137°
пеш				-120.411170 ° -120.411170		
DWR ID	DWR_NA0	011_02_f _ 201	6_29			·
		Comn	nent Cod	de		
T3 : Trim a flood fight.	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment						
Tree on th	Tree on the wateside slope blocks the view of the ground.					



Unit 2 Ash Slough waterside levee mile 1.23.

LM Start	1.28	Rating **	М	Issue No.		41
LM End	1.36	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroachi	ments		37.0567	63°	37.057704°
пеш				-120.4106	23°	-120.410037 °
DWR ID	DWR_NA0	011_02_s _ 201	4_41			
			. ^			

Comment Code

TR: Tree or limb

Inspector Comment

Remove the dead tree limbs from the water side slope.

No Photos

LM Start	1.38	Rating **	M	Issue No.		16	
LM End	2.02	Issue Type +	Ma	Ma Location *		CR	
Category	Earthen L	hen Levee GPS Latitude/Longi				de/Longitude	
Category				Start		End	
Item	Vegetatio	n		37.0578	96°	37.063896	0
пеш				-120.4096	37°	-120.401232	0
DWR ID	DWR_NA0	011_02_s _ 201	2_16				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the vegetation from crown roadway.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM End	1.39	Rating **	М	Issue No.		42
LIVI ENG	1.39	Issue Type +	Ма	Location *	WS	
Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End
Item	Encroachments			37.0579	89°	37.057989 °
пеш				-120.409581 °		-120.409581 °
DWR ID	DWR_NA0	011_02_s _ 201	4_42			
		Comn	nent Cod	de		
TR : Tree o	or limb					
		Inspecto	or Comm	nent		
Remove the tree limbs from the water side levee slope.						

No Photos

LM Start	1.46	Rating **	М	Issue No.	43		
LM End	1.49	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Itom	Trim / Thi	n Trees		37.0583	35°	37.058520	0
пеш	Item				34 °	-120.407791	0
DWR ID	DWR_NA0	011_02_s _ 201	4_43				
	Comment Code						

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove the dead tree and tree limbs from the levee section.

Photo 1 of 1 : FA_2016_NA0011_143_43_20161004_00008.jpg



Unit 2 levee mile 1.46-1.49 looking upstream from the levee slope waterside fallen dead tree on the levee section.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/05/2016 10/05/2016	Herman Phillips

LM Start	1.51	Rating **	M	Issue No.		25
LM End	1.52	Issue Type +	Ma	Location *		WS
Catagory	Category Earthen Levee			GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thin Trees			37.058652°		37.058802°
пеш				-120.4076	-120.407350°	
DWR ID	DWR_NA0	011_02_s _ 201	2_25			
		Comn	nent Cod	de		
T1 : Trim t	rees to at I	east five feet	above g	round level.		
Inspector Comment						
Trim the trees on the waterside slope levee miles 1.51-1.52.						

No Photos

LM Start	1.64	Rating **	U	Issue No.		6
LM End	2.02	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		37.0597	77°	37.063896°
пеш				-120.4056	63°	-120.401230 °
DWR ID DWR_NA0011_02_f _ 2016_6						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the dead weed growth from the landside levee slope.

Photo 1 of 1: FA_2016_NA0011_143_6_20161011_00034.jpg



Unit 2 looking upstream from levee mile 1.64 Crown roadway.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		1	
LM End	1.04	Issue Type +	Ma	Location *	WS		
Earthen Levee			GPS La	atitud	le/Longitude		
Category						End	
Item	Vegetatio	n		36.9965	62 °	36.996592°	
item				-120.3737	48 °	-120.355160°	
DWR ID DWR_NA0011_03_s _ 2013_1							
		_					

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the unwanted tumble weeds and other weeds from the wateside levee slope.



Berenda Slough Unit 3 levee mile 0.00 looking upstream from the waterside slope.

LM Start	0.03	Rating **	М	Issue No.		35	
LM End	0.03	Issue Type +	Ma	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Category	egory					End	
Item	Trim / Thi	n Trees		36.9966	18°	36.996618°	
пеш				-120.3731	16°	-120.373116°	
DWR ID DWR_NA0011_03_f _ 2012_35							
	Comment Code						

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Tree drags against vehicles as they pass by. Remove overhanging tree limbs.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.04	Rating **	М	Issue No.		45	
LM End	0.04	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		36.9965	22°	36.996522	0
пеш				-120.372980 °		-120.372980	0
DWR ID	DWR_NA0	011_03_s _ 201	2_45				
		Comn	nent Cod	de			
TR : Tree	or limb						
Inspector Comment							
Remove th	Remove the discarded tree branches from the landside slope.						

No Photos

LM Start	0.05	Rating **	U	Issue No.		5	
LM End	1.51	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Vegetatio	n		36.9964	53°	36.996607°	
пеш					98 °	-120.346568°	
DWR ID	DWR_NA0011_03_f _ 2016_5						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the tall dead weed growth from the landside of the levee slope and shoulder.

Photo 1 of 1 : FA_2016_NA0011_144_5_20161011_00021.jpg



Berenda Slough Unit 3 looking upstream from landside levee miles 0.05-1.51.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.05	Rating **	М	Issue No.		28	
LM End	0.05	Issue Type +	Ma	Location *		LS	
Catagoria Earthen Levee			GPS La	atitud	le/Longitude		
Category				Start		End	
Encroachments ltem				36.996442°		36.996442°	
item			-120.3728	48 °	-120.372848°		
DWR ID	DWR_NA0	011_03_f _ 201	4_28				
		Comn	nent Coo	le			
TR : Tree or limb							
	Inspector Comment						

No Photos

LM Start 0.06 Rating ** Issue No. 18 Issue Type + Location * 0.06 Ма LS LM End Earthen Levee GPS Latitude/Longitude Category End Trim / Thin Trees 36.996378° 36.996378°

DWR ID DWR NA0011 03 f 2014 18

Item

Remove the dead tree from the landside slope.

Comment Code

-120.372738°

-120.372738°

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim the tree listed, five feet above the ground on the landside slope.

No Photos

Rating ** Issue No. 0.08 M 32 LM Start Location * 0.89 Issue Type + CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Crown Surface / Depressions / 36.996264° 36.996273° Item -120.372350° -120.357666° DWR_NA0011_03_s _ 2014_32 DWR ID

Comment Code

C3: Add appropriate gravel or road base. Grade and compact.

Inspector Comment

Regrade the crown for proper drainage and add more rock to crown.

No Photos

* Location LS: Land Side

N/A: Not Applicable

WS: Water Side

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.08	Rating **	М	Issue No.		20				
LM End	0.08	Issue Type +	Ма	Location *		LS				
Category	Earthen L	evee		GPS La	atitud	e/Longitude				
Calegory				Start		End				
Item	Encroachi	ments		36.9962	04°	36.996201°				
item				-120.372352 °		-120.372345 °				
DWR ID	DWR_NA0	011_03_s _ 201	2_20							
		Comn	nent Cod	de						
DE : Debri	S									
		Inspecto	or Comm	nent						
Remove the trash from the landside slope.										

No Photos

LM Start	0.40	Rating **	U	Issue No.		6
LM End	1.51	Issue Type +	Ma	Location *		LS
Earthen Levee				GPS La	titud	e/Longitude
Calegory	Category					End
Item	Animal Co	ontrol		36.9962	08°	36.996607°
пеш				-120.3665	50°	-120.346568°
DWR ID DWR_NA0011_03_f _ 2016_6						
		Comn	nent Cod	de		

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There need to be rodent bait stations placed along the levee section landside slope and or shoulder at levee miles listed.

Photo 1 of 2 : FA_2016_NA0011_144_6_20161011_00016.jpg



Berenda Slough Unit 3 levee miles 0.40-1.51 landside shoulder and slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.40	Rating **	U	Issue No.		6 (cont)	
LM End	1.51	Issue Type +	Ma	Location *	LS		
Catagory	evee	GPS Latitude/Longitude					
Calegory	Category					End	
Item	Animal Co	ontrol		36.9962	08°	36.996607°	
пеш				-120.3665	50°	-120.346568 °	
DWR ID DWR_NA0011_03_f _ 2016_6							
	Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There need to be rodent bait stations placed along the levee section landside slope and or shoulder at levee miles listed.



More active rodents holes and foot traffic seen around holes though no rodents observed.

LM Start	0.71	Rating **	М	Issue No.		7	
LM End	1.51	Issue Type +	Ма	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Category	Category					End	
Item	Animal Co	ontrol		36.996252°		36.996607°	
пеш				-120.3610	63°	-120.346568 °	
DWR ID DWR_NA0011_03_f _ 2016_7							
	Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There should be bait stations placed along these levee miles listed to radicate rodents.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.71	Rating **	М	Issue No.	8		
LM End	1.51	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
ltom	Animal Control				57°	36.996607°	
пеш	-120.361025 ° -120.3465						
DWR ID DWR_NA0011_03_f _ 2016_8							

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents from the crown roadway in the area listed. Active rodents observed during inspection at this site.



Berenda Slough Unit 3 looking upstream from levee miles 0.71 - to 1.51.

LM Start	0.87	Rating **	М	Issue No.		39			
LM End	0.87	Issue Type +	Ma	Location *		LS			
Category	Earthen Levee			GPS Latitude/Longitude					
Calegory				Start		End			
Item	Trim / Thi	n Trees		36.9962	61 °	36.996261°			
пеш				-120.3580	95 °	-120.358095 °			
DWR ID DWR_NA0011_03_s _ 2013_39									

Comment Code

T3: Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim the tree limbs up off the levee slope so the ground can be seen.

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	1.04	Rating **	U	Issue No.	44			
LM End	1.51	Issue Type +	Ma	Location *	CR			
Category	evee	GPS La	atitud	e/Longitude				
Category				Start		End		
Item	Vegetatio	n		36.9965	92°	36.996583		
пеш			-120.3551	55 °	-120.346680			
DWR ID	DWR_NA0	011_03_s _ 201	4_44					
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
		Inspect	or Comm	nent				
Keep crown roadway free of vegetation.								



Looking upstream from levee mile 1.04 to levee mile 1.52 crown roadway overgrown with tall weeds.

LM Start	1.04	Rating **	U	Issue No.	11			
LM End	1.05	Issue Type + Ma		Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Trim / Thi	n Trees		36.9966	13 °	36.996610°		
пеш			-120.3550	55 °	-120.354995 °			
DWR ID DWR_NA0011_03_s _ 2012_11								
	Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

These walnut trees are blocking the view and inspection of the landside levee shoulder and slope. Cut them back in order that the ground can be seen.

Photo 1 of 1 : FA_2016_NA0011_144_11_20161004_00003.jpg



Berenda Slough Unit 3 looking upstream from levee mile 1.04-1.05 walnut trees blocking the view of the landside levee section.

NA0011

Flood Control Project Maintenance Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	1.07	Rating **	М	Issue No.	15			
LM End	1.10	Issue Type +	Ма	Location *	LS			
Category	evee	GPS Latitude/Longitude						
Calegory	Category					End		
Item	Trim / Thi	n Trees		36.99661	8°	36.996633°		
пеш				-120.35453	88°	-120.354012 °		
DWR ID DWR_NA0011_03_s _ 2012_15								
	Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim the trees on the landside listed, 5.0 foot above the ground to view the slope.

No Photos

LM Start	1.24	Rating **	U	Issue No.	4		
LM End	1.25	Issue Type +	Ма	Location *		CR	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Category			Start		End		
Itom	Slope Sta	bility		36.9965	82°	36.996582°	
item	Item '				82 °	-120.351258°	
DWR ID DWR_NA0011_03_f _ 2016_4							
		Cama	ant Car	ام			

Comment Code

S1: Repair slope instability.

Inspector Comment

Repair the slope instability and damaged shoulder at this location. The cause for this damage is the walnut trees landside encroaching onto the levee crown forcing the traffic to vere around.

Photo 1 of 1 : FA_2016_NA0011_144_4_20161011_00020.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope levee miles 1.24-1.25.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/04/2016 10/04/2016	Herman Phillips

LM Start	1.24	Rating **	U	Issue No.		17		
LM End	1.24	Issue Type +	Ma	Location *		LS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		36.9966	32°	36.996632°		
пеш				-120.3514	63°	-120.351463°		
DWR ID DWR_NA0011_03_s _ 2012_17								
		Comn	nent Cod	de				
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.		
		Inspecto	or Comm	nent				
The cluster of walnut trees needs to be removed from the levee section water ward.								



Berenda Slough Unit 3 looking upstream from levee mile 1.26 Wlnut trees on landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.		5
LM End	1.49	Issue Type +	Ma	Location *		CR
Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetatio	Vegetation			07°	36.995597°
пеш			-120.373318°		-120.346548 °	
DWR ID DWR_NA0011_04_f _ 2015_5						
		Comn	nent Cod	de		
V9 : Keep	the crown	roadway free	of veget	ation.		
			_			
Inspector Comment						
Keep crown road way free of any vegetation.						



Berenda Slough Unit 4 looking upstream from levee miles 0.01-1.49.

LM Start	0.01	Rating **	U	Issue No.		1	
LM End	1.50	Issue Type +	Ма	Location *		LS	
Catagory Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetatio	n		36.9954	93°	36.995593°	
item				-120.3732	42°	-120.346400 °	
DWR ID DWR_NA0011_04_f _ 2014_1							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No maintenance has been done here for several years now. The tumble weeds are from 2.0-3.0 foot tall in some areas between the levee miles 0.01-1.50.



Berenda Slough Unit 4 looking upstream from levee miles 0.01-1.50.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	4		
LM End	1.60	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Vegetatio	n		36.9954	93°	36.996215°	
пеш				-120.3732	42 °	-120.344808 °	
DWR ID DWR_NA0011_04_f _ 2014_4							
	Comment Code						

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No maintenance has been done in several years, remove the wild growth from the levee section.



Berenda Slough Unit 4 looking downstream from the waterside levee slope from levee mile 1.60 towards levee mile 0.01.

LM Start	0.06	Rating **	М	Issue No.		20
LM End	0.06	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS La	atitud	le/Longitude	
Category				Start		End
Item	Encroachi	ments	36.9955	97°	36.995597°	
item				-120.372391 °		-120.372391 °
DWR ID	DWR_NA0	011_04_f _ 201	2_20			
		Comn	nent Cod	de		
TR : Tree or limb						
Inspector Comment						

Remove the tree limbs from the waterside levee slope.

No Photos

* Location LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.08	Rating **	М	Issue No.	25		
LM End	0.08	Issue Type +	Ma	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	egory			Start		End	
Item	Trim / Thin Trees			36.99555	57°	36.995557°	
пеш				-120.37206	62°	-120.372062 °	
DWR ID DWR_NA0011_04_s _ 2013_25							
Comment Code							
							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Remove the dead tree limbs hanging over the levee crown.

No Photos

LM Start	0.12	Rating **	M	Issue No.		26	
LM End	0.12	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Trim / Thi	n Trees		36.9955	32°	36.995532°	
iteiii				-120.37142	28°	-120.371428°	
DWR ID	DWR_NA0	011_04_s _ 201	3_26			·	

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim the tree branches over roadway 12 foot above ground.

No Photos

LM Start	0.14	Rating **	U	Issue No.		15	
LM End	0.14	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		36.9955	28°	36.995528	0
item				-120.3709	22 °	-120.370922	0
DWR ID	DWR_NA0	011_04_f _ 201	5_15				

Comment Code

TR : Tree or limb

Inspector Comment

There are many dead trees in the area. This one happened to be blocking the crown roadway. Remove the dead trees from the levee section. Many more are subject to fall and further block access to the levee crown.

Photo 1 of 1: FA_2016_NA0011_145_15_20161011_00019.jpg



Berenda Slough looking upstream from the levee mile 0.14.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintanance Deficiancy Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.14	Rating **	U	Issue No.		3
LM End	0.97	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Slope Sta	bility		36.9955	43°	36.995550°
пеш				-120.3709	07°	-120.355935 °
DWR ID DWR_NA0011_04_f _ 2016_3						
		Comn	nent Cod	de		
S1 : Repai	r slope ins	tability.				
		Inspecto	or Comm	nent		
The slope slope.	in this area	a has been da	ımaged l	by farm equ	uipm	ent on the



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

LM Start	0.28	Rating **	М	Issue No.		21	
LM End	0.28	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments		36.99556	64°	36.995564°	
пеш			-120.36854	40 °	-120.368540°		
DWR ID	DWR_NA0	011_04_f _ 201	2_21				
		Comn	nent Cod	de			
TR : Tree of	or limb						
Inspector Comment							
Remove the discarded tree and branches from the levee slope.							

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.47	Rating ** U Issue No.		16		
LM End	0.47	Issue Type +	Ma	Location *	WS	
Category	GPS La	atitud	e/Longitude			
Calegory				Start		End
Item	Encroach	ments		36.9956	03°	36.995603
item		-120.3649	78°	-120.364978		
DWR ID DWR_NA0011_04_s _ 2014_16						
Comment Code						

TR : Tree or limb

Inspector Comment

This dead tree on water ward slope should be removed from levee section.



Berenda Slough Unit 4 levee mile 0.47 looking back upstream.

LM Start	0.62	Rating **	U	Issue No.		11
LM End	1.25	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee	GPS La	atitud	le/Longitude	
Calegory	Salegory					End
Item	Animal Co		36.9955	68°	36.995474°	
item				-120.3623	03°	-120.350890°
DWR ID	DWR_NA0	011_04_f _ 201	6_11			

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents and backfill and compact or grout the burrows in this area listed.

LM Start	0.62	Rating **	U	Issue No.	11 (cont)
LM End	1.25	Issue Type +	Ma	Location *	LS

Photo 1 of 3: FA_2016_NA0011_145_11_20161011_00022.jpg



Berenda Slough landside slope levee miles 0.62-1.25 looking upstream.

Photo 2 of 3: FA_2016_NA0011_145_11_20161012_00027.jpg



Berenda Slough landside slope levee miles 0.62-1.25. looking upstream.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	0.62	Rating **	U	Issue No.	11 (cont)		
LM End	1.25	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS L	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		36.9955	68°	36.995474°	
пеш		-120.350890°					
DWR ID DWR_NA0011_04_f _ 2016_11							
		Comn	nent Cod	de			
A1 : Exteri	minate rod	ents and back	fill and o	compact or	grou	t burrows.	
		Inspecto	or Comm	nent			
Exterminate the rodents and backfill and compact or grout the burrows in this area listed.							



This photo shows another view of the activity along the landside between the levee miles.

LM Start	1.63	Rating **	U	Issue No.	30		
LM End	2.23	Issue Type +	Ma	Location *	WS		
Category	evee	GPS La	atitud	e/Longitude			
Category				Start		End	
Item	ontrol	36.9965	603°	37.003308°			
пеш				-120.344465 °		-120.337550°	
DWR ID	DWR_NA0	011_04_f _ 201	4_30				
		Comn	nent Cod	de			
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.	
·							
Inspector Comment							
Bait station	ns are nee	ded in Roden	tinfester	l area wate	rside	slone and	

Bait stations are needed in Rodent infested area waterside slope and toe.



Berenda Slough levee mile 1.63-2.23 looking upstream at waterside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	1.63	Rating **	U	Issue No.		57		
LM End	2.23	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End		
Item	Animal Co	ontrol		36.9965	74°	37.003328°		
item				-120.3444	30°	-120.337604°		
DWR ID DWR_NA0011_04_s _ 2012_57								
Comment Code								

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The District really needs to do a better job of controling the rodents. There should be bait stations with rodent bait in place. (2013).

LM Start	1.63	Rating **	U	Issue No.	57 (cont)
LM End	2.23	Issue Type +	Ma	Location *	LS



Berenda Slough looking upstream landside slope.

Photo 2 of 3: FA_2016_NA0011_145_57_20161011_00026.jpg



More activity

LM Start	1.63	Rating **	U	Issue No.	57 (cont)
LM End	2.23	Issue Type +	Ma	Location *	LS



Activity on the landside slope between the levee mile 1.63 and 2.23.

** Rating
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Minimally Acceptable
C: Corrected
N: Monimally Acceptable
N: Not Inspected/Rated
C: Corrected
N: Monimally Acceptable
N: Not Inspected/Rated
N: Maintain
N: Not Inspected/Rated
N: Not Inspected

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/04/2016 10/04/2016	Herman Phillips

LM Start	1.63	Rating **	М	Issue No.		59			
LM End	1.67	Issue Type +	Ma	Location *		CR			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Category			Start		End				
Item	Animal Co	ontrol		36.9965	73°	36.997002°			
пеш				-120.3444	28°	-120.343977 °			
DWR ID	DWR_NA0	011_04_s _ 201	2_59						
		Comn	nent Cod	de					
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.			
		Inspecto	or Comm	nent					
Extermina	Exterminate rodents in this area.								

No Photos

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		7		
LM End	4.05	Issue Type +	Ma	Location *		Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		36.9785	20°	36.968168°		
item				-120.3685	67°	-120.301035°		
DWR ID DWR_NA0011_05_f _ 2016_7								

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove all tall dead weeds from the landside slope and shoulder from levee mile 0.00 -4.05.



Photo 1 of 1: FA_2016_NA0011_146_7_20161012_00017.jpg



Fresno River landside slope levee mile 0.00.

Photo 1 of 1: FA_2016_NA0011_146_9_20161012_00019.jpg

LM Start	0.00	Rating **	U	Issue No.		9
LM End	4.05	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory			Start		End	
Item	Vegetatio	n		36.9785	20°	36.968168°
item				-120.3685	67°	-120.301035°
DWR ID DWR_NA0011_05_f _ 2016_9						
		_				

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove the tall dead weeds from the levee section listed.



Fresno River looking upstream levee mile 0.00 waterside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		14	
LM End	4.05	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Animal Co	ontrol		36.97852	20°	36.968168°	
пеш				-120.36856	67°	-120.301035 °	
DWR ID	DWR ID DWR_NA0011_05_f _ 2016_14						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents along the landside slope and toe throughout the area to levee mile 4.05. Bait stations are needed in infested areas.

Photo 1 of 1: FA_2016_NA0011_146_14_20161012_00018.jpg



Fresno River levee mile 0.00 looking upstream.

LM Start	0.00	Rating **	M	Issue No.		15	
LM End	4.05	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		36.9785	20°	36.968168	0
пеш				-120.3685	67°	-120.301035	0
DWR ID	DWR_NA0	011_05_f _ 201	6_15				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The rodent burrows within the levee crown roadway should be treated and backfilled. No rodents seen but there is activity in this area listed.

No Photos

LM Start	0.00	Rating **	M	Issue No.		18
LM End	4.06	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Animal Co	ontrol		36.9785	20°	36.968157°
пеш				-120.3685	67°	-120.300932 °
DWR ID	DWR_NA0	011_05_f _ 201	6_18			٠

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Bait stations are needed along the waterside shoulder. Observed many rodent burrows but no rodent was seen.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		8		
LM End	4.05	Issue Type +	Ma	Location *		CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		36.9785	57°	36.968152°		
item				-120.3684	23°	-120.301103°		
DWR ID DWR_NA0011_05_f _ 2015_8								
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
		Inspecto	or Comm	nent				
The crown	roadway r	nust be free c	f all veg	etation.				
•								



Fresno River looking upstream levee mile 0.00.

LM Start	0.86	Rating **	М	Issue No.		13	
LM End	1.13	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	y			Start		End	
Item	Crown Surface / Depressions /			36.9723	44 °	36.968963°	
item	Rutting			-120.3556	92°	-120.353347°	
DWR ID DWR_NA0011_05_s _ 2012_13					·		
	Comment Code						

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Regrade the crown for proper drainage.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

	4.40	D-41 **		Innun Nin		
LM Start	1.18	Rating **	М	Issue No.		16
LM End	1.19	Issue Type +	Ma	Location *		CR
Category Earthen Levee			GPS La	atitud	le/Longitude	
Calegory	Ory			Start		End
Item	Crown Surface / Depressions /			36.9683	54°	36.968272°
item	Rutting			-120.3527	61 °	-120.352623 °
DWR ID DWR_NA0011_05_f _ 2012_16						
Comment Code						
C1 : Add appropriate material and re-grade the levee to bring the crown						

above the design elevation.

Inspector Comment

Add material to this location.

LM Start	1.28	Rating **	M	Issue No.		11
LM End	1.37	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Crown Surface / Depressions /			36.9678	58°	36.967868°
item	Rutting			-120.3510	64°	-120.349417 °
DWR ID	DWR_NA0	011_05_s _ 201	2_11			
		Comn	nent Coo	de		
C2 : Repair depressions or ruts in the crown or slope.						
	Inspector Comment					

No Photos

No Photos

	4.54	Rating **	N.4	Issue No.		20
LM Start	1.51	Railing	M	issue ivo.		30
LM End	1.85	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Lat	ituc	de/Longitude	
Category				Start		End
ltom	Crown Surface / Depressions /			36.96790	1 °	36.967931°

DWR ID DWR_NA0011_05_f _ 2012_30

Rutting

Item

Repair the ruts in crown roadway.

Comment Code

-120.347012 °

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Regrade for proper drainage and add material where needed.

No Photos

* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

-120.340852 °

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	2.50	Rating **	М	Issue No.		19
LM End	2.50	Issue Type +	Ma	Location *		WS
Category Rivers, Channels & Designated Floodways			GPS La	atitud	e/Longitude	
			Start		End	
Encroachments			36.9682	22°	36.968222°	
item					31 °	-120.329131 °
DWR ID DWR_NA0011_05_s _ 2012_19						
		Comn	nent Cod	de		
		Inspecto	or Comm	nent		
Trash in c	hannel.					

No Photos

LM Start	4.06	Rating **	Α	Issue No.		20
LM End	6.58	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS La	atitud	le/Longitude	
		Start E		End		
Item	Vegetatio	/egetation			72°	36.968525°
item				-120.3009	43°	-120.255387°
DWR ID	DWR_NA0	011_05_f _ 201	6_20			
		Comn	nent Cod	le		
V1 : Control annual grass and weeds on the levee slopes and						
easements.						
Inspector Comment						

No Photos

No unwanted vegetation.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	4.06	Rating **	Α	Issue No.		22	
LM End	6.58	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Category		Start		End			
ltom	ltem Vegetation			36.9681	72°	36.968525	0
пеш				-120.3009	43°	-120.255387	0
DWR ID DWR_NA0011_05_f _ 2016_22							
		Comn	nent Cod	de			
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slop	pes a	and	
easements	S.						
		Inspecto	or Comm	nent			
No unwant	ted vegeta	tion					

No Photos

LM Start	4.06	Rating **	Α	Issue No.		25	
LM End	9.06	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.96817	72 °	36.973168	0
пеш				-120.30094	13°	-120.212247	0
DW/P ID	DIMP NAO	011 05 f 201	6 25				

DWR ID DWR_NA0011_05_f _ 2016_25

Comment Code
V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No unwanted vegetation.

N	n	PI	hΛ	tos

LM Start	4.20	Rating **	М	Issue No.		21	
LM End	4.32	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Category				Start		End	
Item	Animal Co	ontrol		36.96813	35°	36.968202	0
пеш				-120.2983	55 °	-120.296210	0
DWR ID	DWR_NA0	011_05_s _ 201	2_21				
		_	. ^				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Observed rodent burrows but no rodents seen.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	4.46	Rating **	М	Issue No.		23		
LM End	5.22	Issue Type +	Ma	Location *		WS		
Catagony	Earthen L	evee		GPS Latitude/Longitude				
Category				Start		End		
Item	Animal Co		36.9682	30°	36.968247°			
пеш				-120.2936	65 °	-120.279957°		
DWR ID	DWR_NA0	011_05_s _ 201	2_23					
		Comn	nent Coc	de				
A1 : Exterr	minate rod	ents and back	fill and c	compact or	grou	t burrows.		
		Inspecto	or Comm	nent				
Observed	Observed many rodent burrows, no rodent was seen.							

No Photos

LM Start	6.09	Rating **	M	Issue No.		31	
LM End	6.09	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments				78°	36.968178°	
пеш				-120.264122 °		-120.264122 °	
DWR ID	DWR_NA0	011_05_f _ 201	5_31			·	
		Comn	nent Cod	le			
PR : Pruni	ngs						
Inspector Comment							
The pruning's here need to be burned or removed from levee slope waterside.							

No Photos

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	6.58	Rating **	U	Issue No.		26		
LM End	7.54	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee	GPS La	atitud	le/Longitude			
Calegory		Start		End				
Item	Vegetation				25°	36.969527°		
item				-120.2553	87°	-120.238255 °		
DWR ID	DWR ID DWR_NA0011_05_f _ 2016_26							
Comment Code								
V1 · Contr	ol annual d	rass and wee	ds on th	e levee slor	200	and		

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Control the wild growth of Tumble weeds from the landside slope and levee toe.



Fresno River looking upstream oof the landside levee slope miles 6.58-

LM Start	6.58	Rating **	U	Issue No.		27	
LM End	9.07	Issue Type +	Ма	Location *	WS		
Category	evee	GPS Latitude/Longitude					
Category		Start		End			
Item	Vegetatio	n		36.9685	25°	36.973197°	
пеш				-120.2553	87°	-120.212085 °	
DWR ID DWR_NA0011_05_f _ 2016_27							
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild dead weeds from he levee slope and toe.

Photo 1 of 1: FA_2016_NA0011_146_27_20161012_00025.jpg



Fresno River looking upstream waterside levee mile 6.58-9.07.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

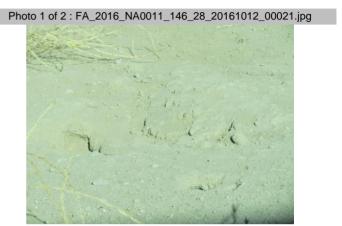
LM Start	6.75	Rating **	U	Issue No.		28
LM End	6.95	Issue Type +	Ma	Location *	LS	
Category	evee		GPS Latitude/Longitude			
Calegory			Start		End	
Item	Animal Co	ontrol		36.9692	00°	36.969507°
пеш				-120.2524	62 °	-120.248893 °
DWR ID DWR_NA0011_05_f _ 2016_28						
Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents in the area listed and place bait stations along the shoulder and or slope.

LM Start	6.75	Rating **	U	Issue No.	28 (cont)
LM End	6.95	Issue Type +	Ма	Location *	LS



Fresno River landside slope looking upstream of levee mile 6.75 -6.95.

Photo 2 of 2: FA_2016_NA0011_146_28_20161012_00023.jpg



Fresno River looking upstream of the landside slope levee miles 6.76-6.95.

LM Start	7.06	Rating **	М	Issue No.		29	
LM End	7.57	Issue Type +	Ма	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		36.9695	17°	36.969528	
пеш				-120.2469	28°	-120.237790	
DWR ID	DWR_NA0	011_05_f _ 201	6_29				
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			
Inspector Comment							
The crown	The crown roadway should be keep clear of vegetation.						

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/06/2016 10/06/2016	Herman Phillips

LM Start	7.57	Rating **	Α	Issue No.		32		
LM End	9.06	Issue Type +	Ма	Location *		LS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	36.9695	28°	36.973168°				
пеш			-120.237790 °		-120.212247°			
DWR ID DWR_NA0011_05_f _ 2016_32								
		Comn	nent Cod	de				
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes	and		
		Inspecto	or Comm	nent				
No unwant	ed vegeta	tion.						

No Photos

LM Start	8.11	Rating **	М	Issue No.		37	
LM End	8.19	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Item	Animal Control			36.9723	91°	36.972399°	
item			-120.228857°		-120.227424 °		
DWR ID DWR_NA0011_05_s _ 2013_37							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and

compact or grout burrows.

Inspector Comment

Observed rodent burrows but no rodents present during the inspection.

No Photos

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		23		
LM End	2.48	Issue Type +	Ma	Location *		LS		
Category	evee	GPS L	atitud	e/Longitude				
Calegory				Start		End		
Item	Vegetatio	n		36.9769	23°	36.967223°		
пеш				-120.367500 °		-120.328288 °		
DWR ID DWR_NA0011_06_f _ 2016_23								
		Comn	nent Cod	de				
V1 : Contr	ol annual g	rass and wee	ds on th	e levee slo	pes a	and		
easements	S.							
		Inspect	or Comm	nent				
Remove the wild weed growth from the landward slope								
-								



Fresno River looking upstream from the landside slope levee mile 0.00-2.48.

Photo 1 of 1: FA_2016_NA0011_147_22_20161012_00029.jpg

LM Start	0.00	Rating **	U	Issue No.		22			
LM End	5.88	Issue Type +	Ма	Location *		CR			
Cotogon/ Earthen Levee				GPS La	atitud	e/Longitude			
Category	Category					End			
Item	Vegetatio	36.976923°		36.967508°					
nem				-120.367500 °		-120.266710 °			
DWR ID	DWR ID DWR_NA0011_06_f _ 2016_22								
		Comn	nent Cod	de					
V9 : Keep	the crown	roadway free	of veget	ation.					
Inspector Comment									
Remove th	ne weed gr	owth from the	crown r	oadway.					

Fresno River looking downstream crown roadway levee mile 3.47.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	0.01	Rating **	М	Issue No.		19		
LM End	6.39	Issue Type +	Ма	Location *	LS			
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End			
Item	Animal Control			36.97693	7°	36.967843°		
пеш			-120.36730	8°	-120.257605 °			
DWR ID	DWR ID DWR_NA0011_06_f _ 2016_19							
	Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents and backfill burrows.

Photo 1 of 1: FA_2016_NA0011_147_11_20161012_00030.jpg

No Photos



Fresno River looking downstream from 9.02 waterside slope.

No Photos

Issue No. LM Start 0.01 Rating ** U 11 Issue Type + Location * WS 9.02 Ма LM End Earthen Levee GPS Latitude/Longitude Category End Vegetation 36.976937° 36.972662° Item -120.367308° -120.211712° DWR ID DWR NA0011 06 f 2016 11

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the unwanted tall weed growth from the waterside slope and shoulder.

LM Start	0.18	Rating **	М	Issue No.		18			
LM End	3.19	Issue Type +	Ма	Location *		LS			
Category	Category Earthen Levee				GPS Latitude/Longitude				
Calegory			Start		End				
Item	Animal Control			36.9769	01°	36.967383°			
item				-120.3641	74 °	-120.315330°			
DWR ID DWR_NA0011_06_s _ 2012_18									

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No rodents were seen, but lots of burrows present during inspection.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	1.12	Rating **	М	Issue No.		41			
LM End	1.19	Issue Type +	Ma	Location *		LS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Category			Start		End				
Slope Stability				36.9674	94°	36.967207°			
пеш				-120.352670 °		-120.351590°			
DWR ID	DWR ID DWR_NA0011_06_s _ 2013_41								
		Comn	nent Cod	de					
S1 : Repai	ir slope ins	tability.							
		Inspecto	or Comn	nent					
Repair the	slope dan	naged by farm	equipm	ent.		-			

No Photos

LM Start	2.71	Rating **	М	Issue No.		13		
LM End	2.79	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Animal Control			36.9673	17°	36.967302°			
item	-120.324138 ° -120.322640							
DWR ID DWR_NA0011_06_s _ 2012_13								
	Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

District needs to continue using the bait stations in the areas where rodents are visibly active.

No Photos

U : Unacceptable

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	4.13	Rating **	U	Issue No.		48	
LM End	4.13	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Animal Control			36.9674	65°	36.967465°	
пеш	item				15 °	-120.298415°	
DWR ID	DWR_NA0	011_06_f _ 201	4_48				
		Comn	nent Cod	de			
A1 : Exterr	minate rod	ents and back	fill and o	compact or	grou	t burrows.	
		Inspecto	or Comm	nent			
Huge rodent burrow in crown roadway landward, backfill and compact.							



Huge Rodent hole in crown roadway and many other holes at this location on the slope and toe.

LM Start	4.92	Rating **	М	Issue No.		28	
LM End	6.47	Issue Type +	Ma	Location *		LS	
Category	evee		GPS La	atituc	le/Longitude		
Category	Category					End	
ltom	ltem Vegetation			36.9675	01°	36.967893°	
пеш				-120.2841	41 °	-120.256169°	
DWR ID	DWR_NA0	011_06_f _ 201	2_28				
		Comn	nent Cod	de			
	V1 : Control annual grass and weeds on the levee slopes and easements.						
	Inspector Comment						
Control the	weeds or	the landside	slope.				

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	5.48	Rating **	U	Issue No.		21	
LM End	5.71	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory						End	
Item	Vegetatio	n		36.9674	58°	36.967458°	
пеш				-120.2739	60°	-120.269798°	
DWR ID	DWR_ID DWR_NA0011_06_f _ 2016_21						

Comment Code

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild growth of weeds from the landside slope.

Photo 1 of 1: FA_2016_NA0011_147_21_20161012_00032.jpg



Fresno River looking upstream from the landside slope levee mile 5.71.

LM Start	5.94	Rating **	M	Issue No.		8	
LM End	6.13	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		36.96753	80°	36.967545	0
пеш				-120.26573	32 °	-120.262320	0
DWR ID	DWR_NA0	011_06_s _ 201	2_8				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No rodents visible, nut noted several burrows in this area.

No Photos

LM Start	7.70	Rating **	U	Issue No.		16	
LM End	8.51	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		36.9695	58°	36.971537	0
пеш				-120.2342	57°	-120.220693	0
DWR ID	DWR_NA0	011_06_f _ 201	6_16			•	

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the unwanted dead weed growth from the landside levee slope and shoulder.

Photo 1 of 1 : FA_2016_NA0011_147_16_20161012_00036.jpg



Fresno River landside slope from levee mile 8.51 looking downstream.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintanance Deficiancy Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	7.70	Rating **	U	Issue No.		15	
LM End	8.52	Issue Type +	Ma	Location *		CR	
Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetation			36.9695	58°	36.971510°	
пеш			-120.234257 °		-120.220510°		
DWR ID	DWR ID DWR_NA0011_06_f _ 2016_15						
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			
			_				
		Inspecto	or Comm	nent			
Keep the c	rown road	way free of ve	egetation				



Fresno River levee crown roadway from levee mile 8.52 looking downstream.

LM Start	8.03	Rating **	U	Issue No.	36		
LM End	8.03	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Encroachments			36.971582°		36.971582°	
item				-120.2291	80°	-120.229180°	
DWR ID	DWR ID DWR_NA0011_06_f _ 2015_36						
Comment Code							

TR : Tree or limb

Inspector Comment

The dead tree has been removed from blocking the roadway but still need to be removed from the levee section.



Dead tree pushed upon the waterside slope and blocking the crown.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips

LM Start	8.03	Rating **	U	Issue No.		36 (cont)	
LM End	8.03	Issue Type +	Ma	Location *	WS		
Catagory	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Itom	Encroachments		36.9715	82°	36.971582°		
item	Item			-120.229180 °		-120.229180°	
DWR ID DWR_NA0011_06_f _ 2015_36							
Comment Code							

TR: Tree or limb

Inspector Comment

The dead tree has been removed from blocking the roadway but still need to be removed from the levee section.

Photo 2 of 2: FA_2016_NA0011_147_36_20161012_00034.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

LM Start	8.09	Rating **	U	Issue No.		31	
LM End	8.09	Issue Type +	Ма	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroach	ments		36.9716	92°	36.971692°	
item				-120.2279	57°	-120.227957°	
DWR ID	DWR_NA0	011_06_f _ 201	5_31			·	

Comment Code

TR: Tree or limb

Inspector Comment

Remove the dead tree off the slope and shoulder, this has been reported in the last two inspections.

Photo 1 of 1 : FA_2016_NA0011_147_31_20161012_00033.jpg

Fresno River levee mile 8.09.

LM Start	8.51	Rating **	Α	Issue No.		14	
LM End	9.02	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	tituc	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		36.9715	37°	36.972662	0
Item				-120.22069	93 °	-120.211712	0
DWR ID	DWR_NA0	011_06_f _ 201	6_14				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No unwanted vegetation present on the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/06/2016 10/06/2016	Herman Phillips